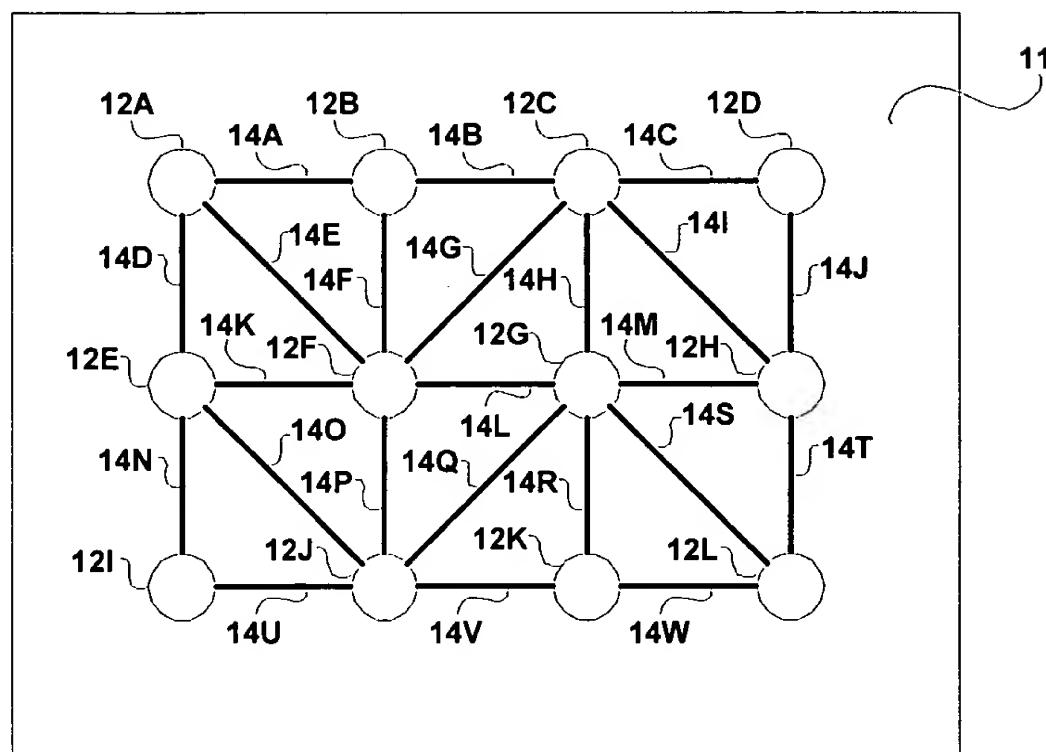
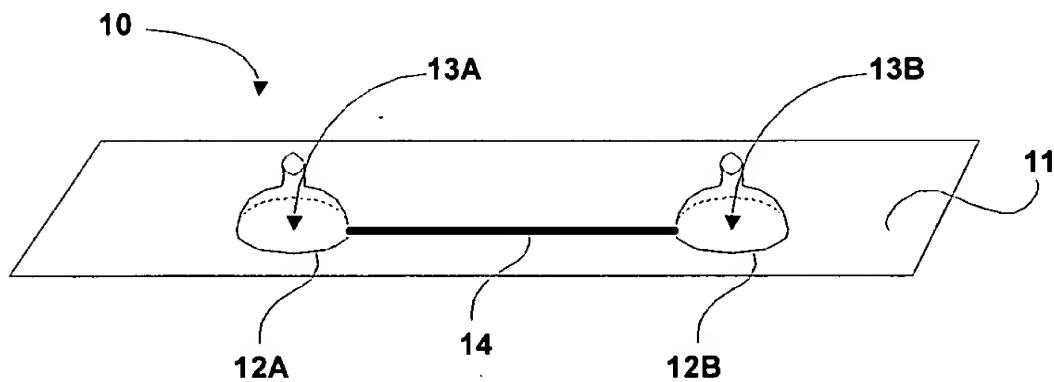


FIGURE 1

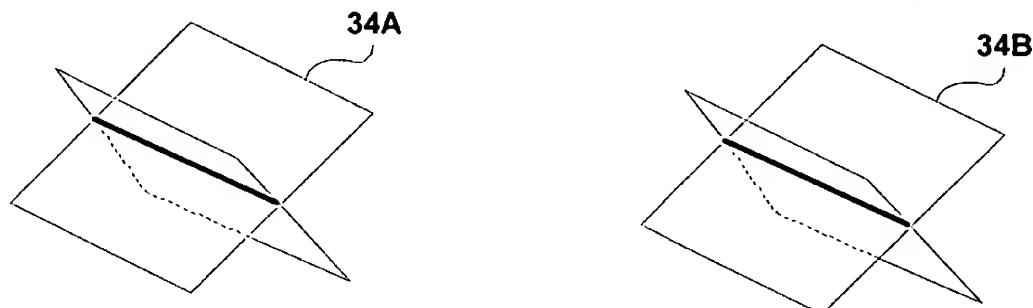
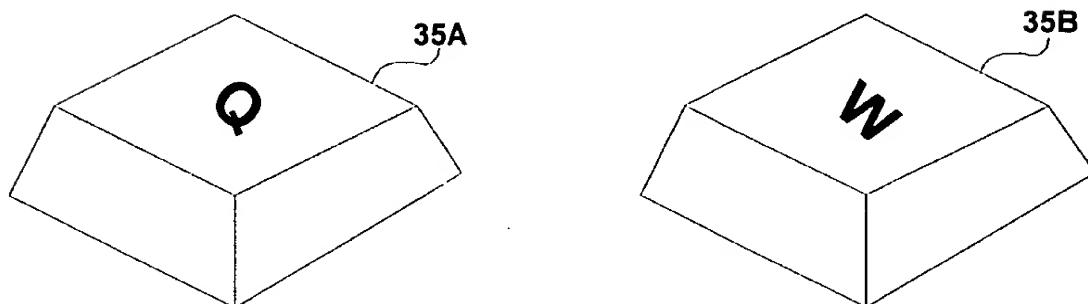


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FIGURE 2

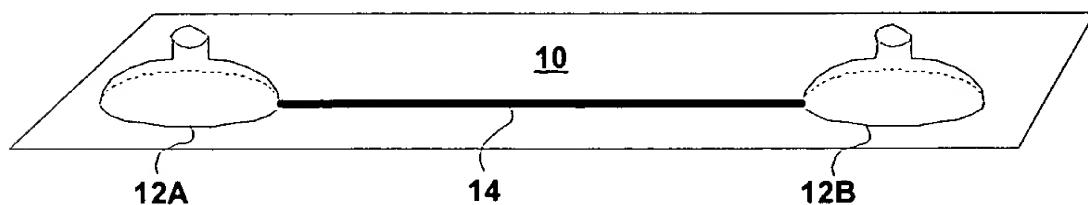


## FIGURE 3



SCISSORS HINGE  
MOUNTING ELEMENT  
33A

SCISSORS HINGE  
MOUNTING ELEMENT  
33B

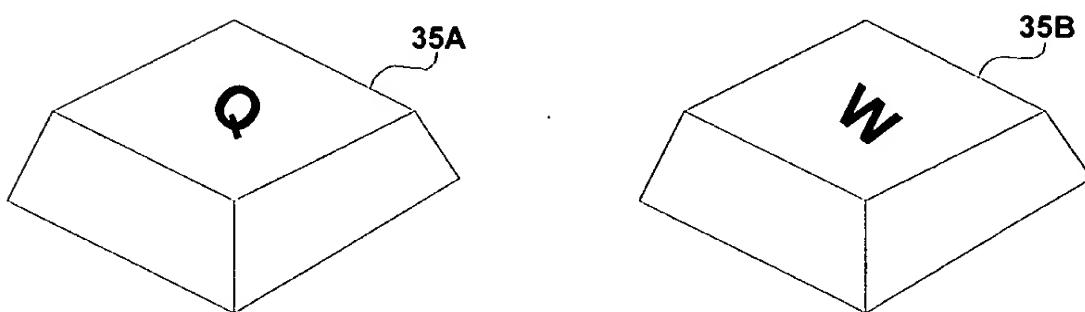


ELECTRONIC MEMBRANE  
32

BASE PLATE  
31

00000000000000000000000000000000

## FIGURE 4



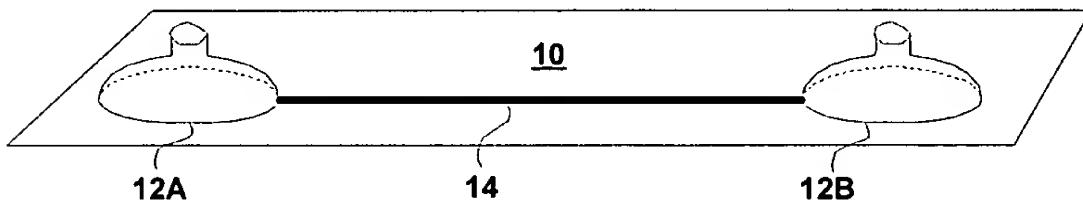
**TOP LAYER  
51A**

**TOP LAYER**  
**51B**

**HOLE  
45A**

**BOTTOM LAYER**

**HOLE  
45B**

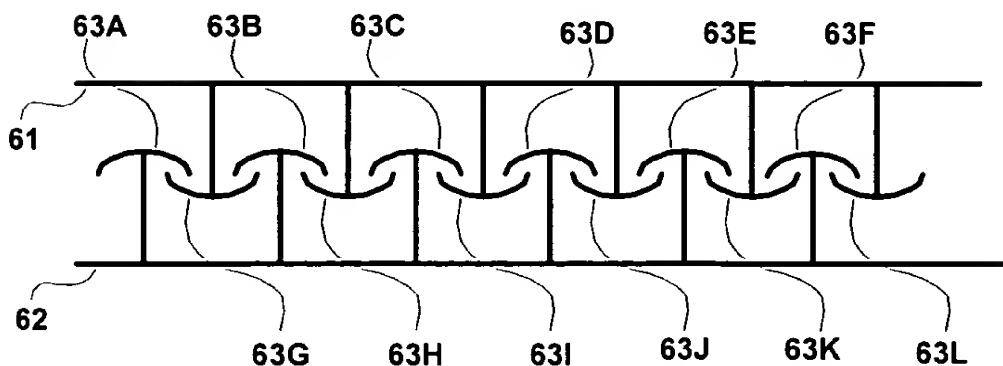


# **ELECTRONIC MEMBRANE**

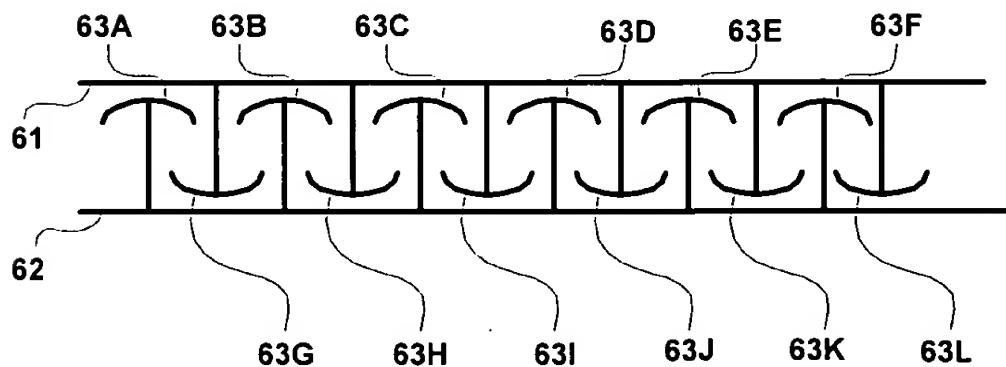
## **32**

**BASE PLATE**  
31

**FIGURE 5A**



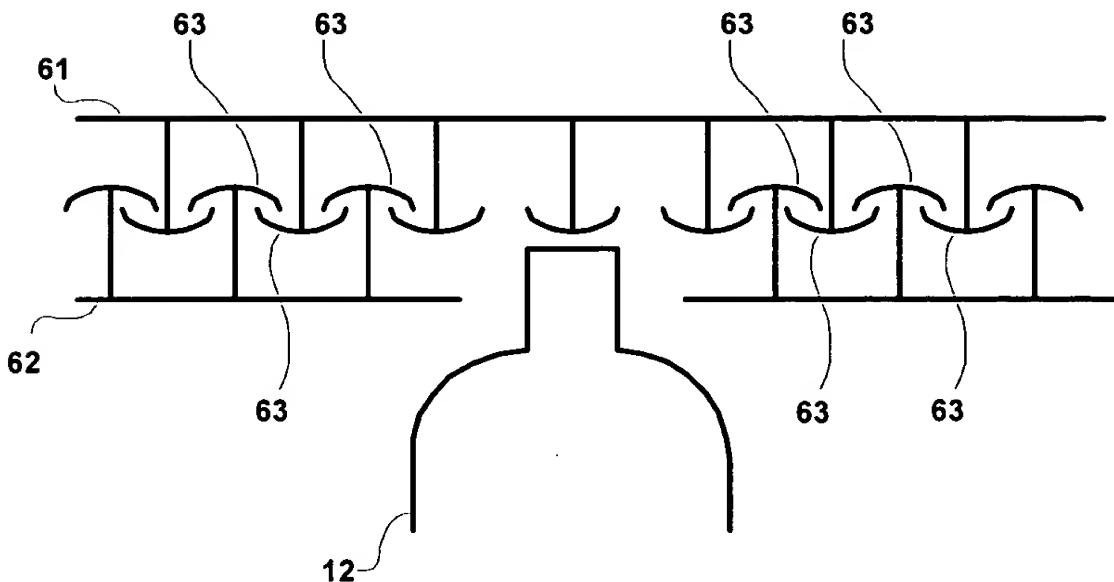
**FIGURE 5B**



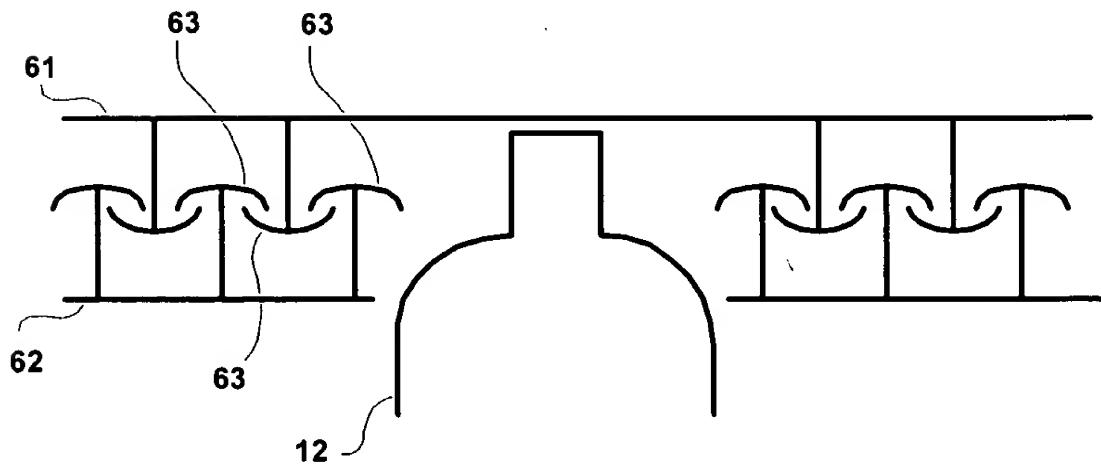
PCT/US2002/020200

INVENTOR: RAYMOND P. JOHNSTON ET AL  
TITLE: LIQUID PROOF SWITCH ARRAY  
ATTORNEY/AGENT: KELLY P. FITZGERALD  
REG. NO. 46,326 TELEPHONE: 651.735.1100  
DOCKET NO.: 1004-012US01 SHEET 5 OF 10

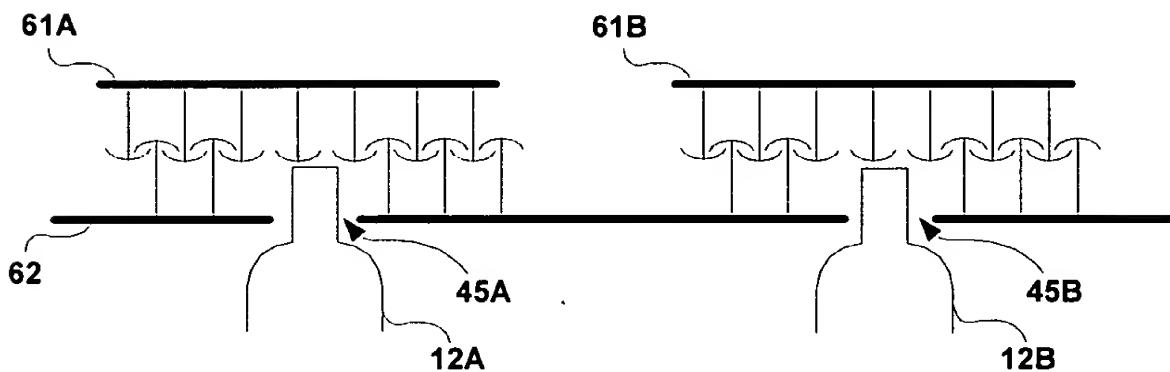
## FIGURE 6



## FIGURE 7



**FIGURE 8**



卷之三

**FIGURE 9**

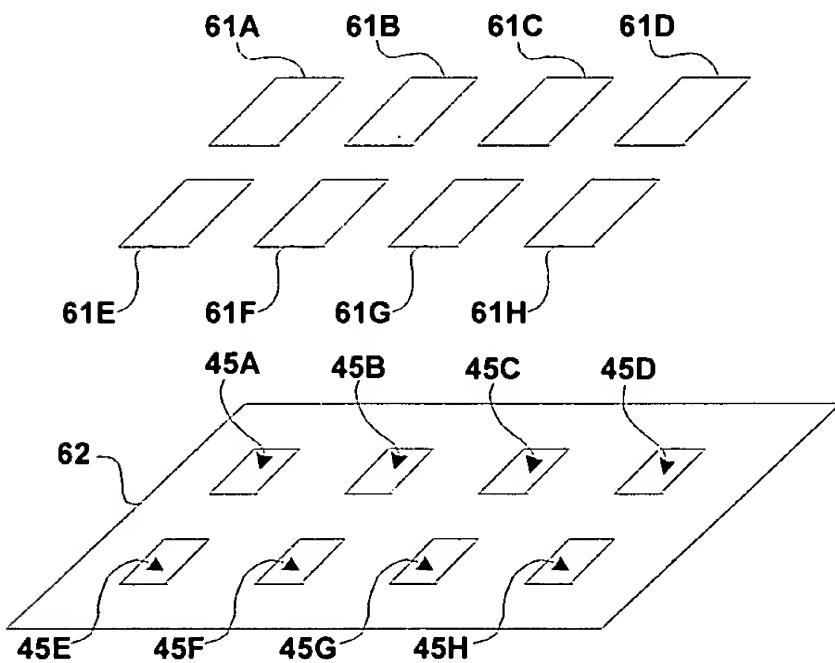


FIGURE 10

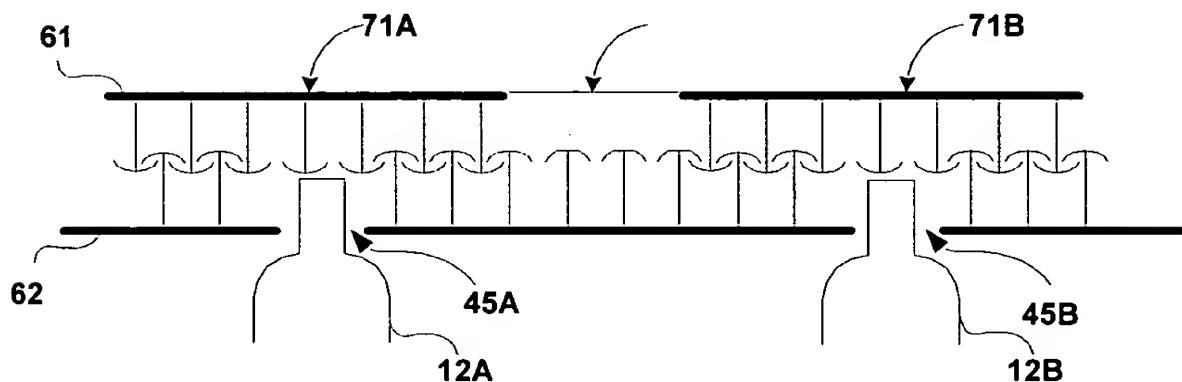
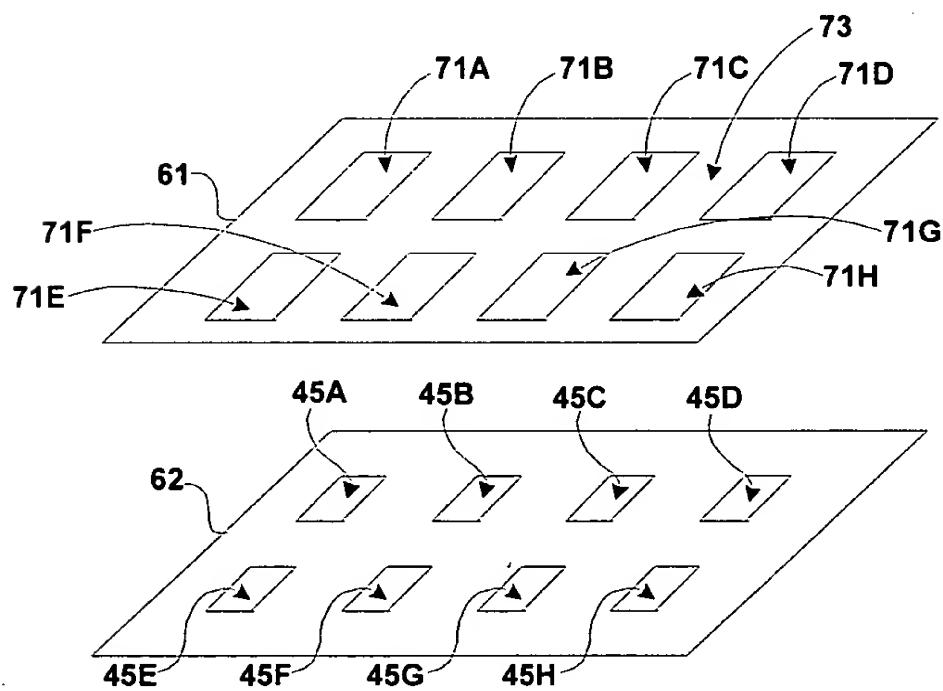
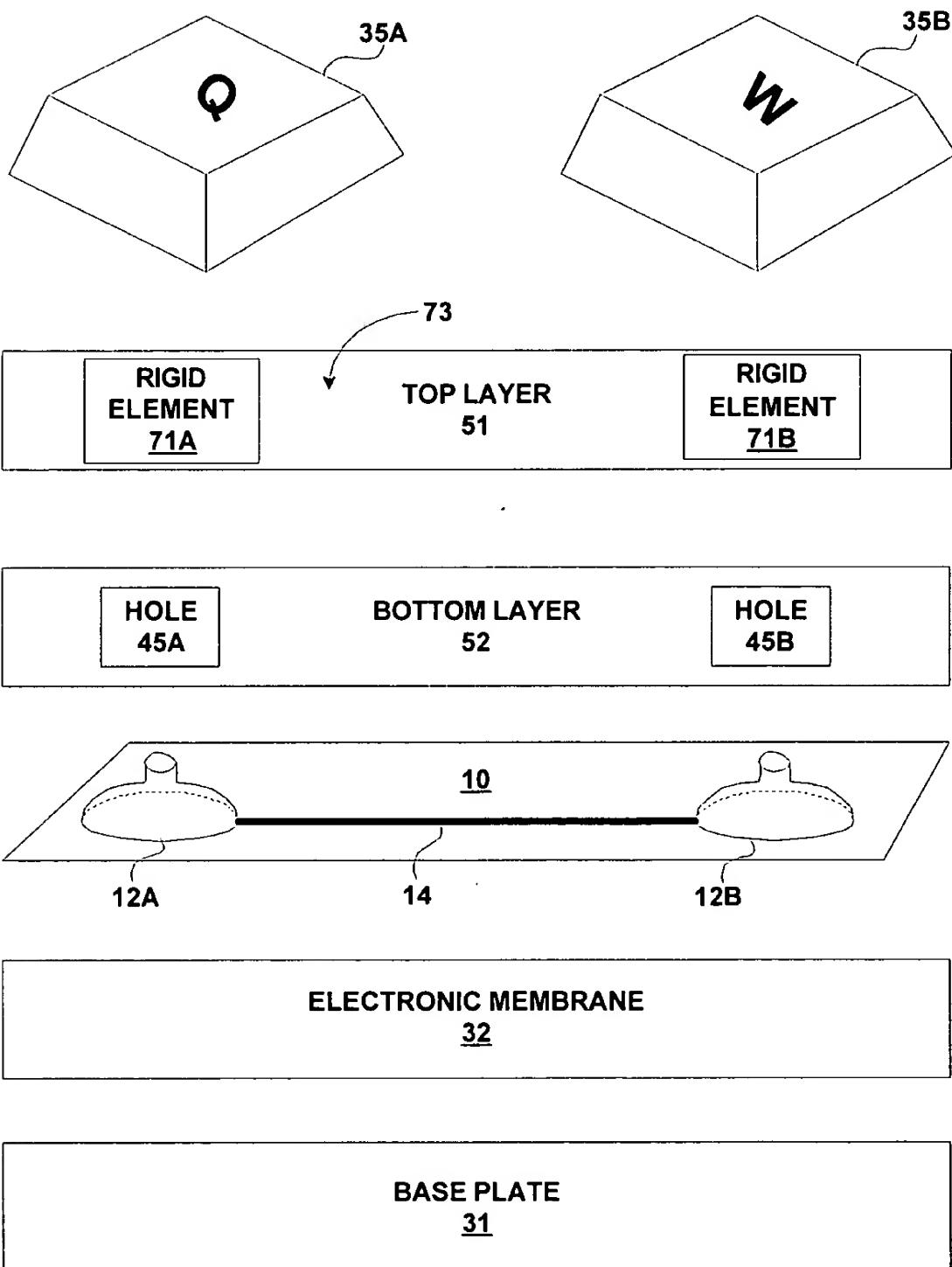


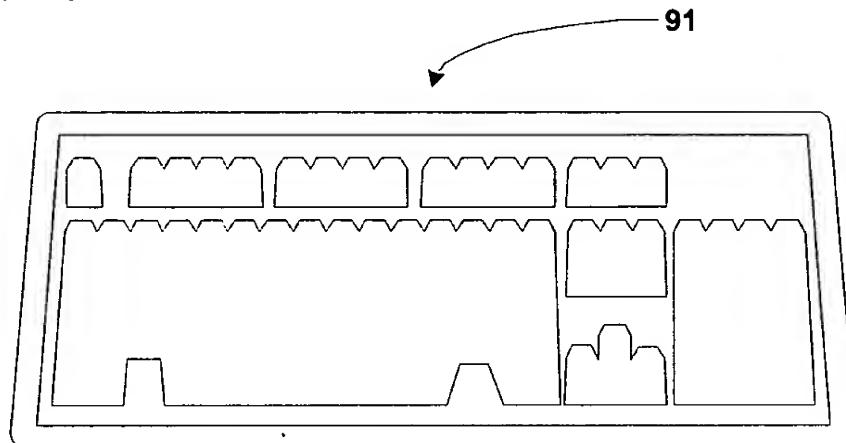
FIGURE 11



## FIGURE 12

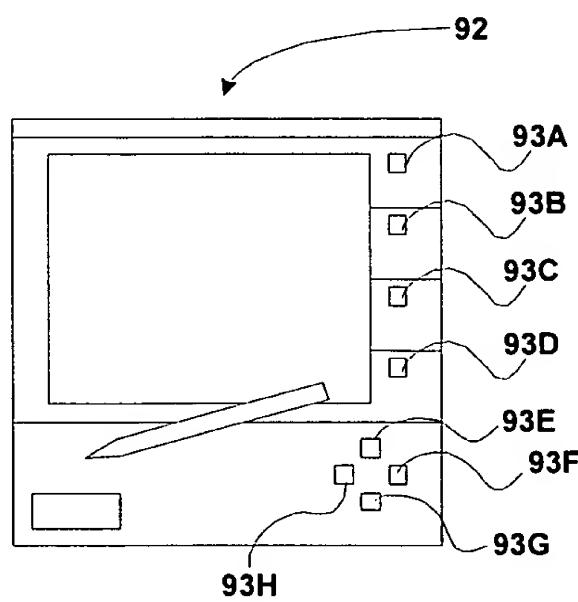


**FIGURE 13**



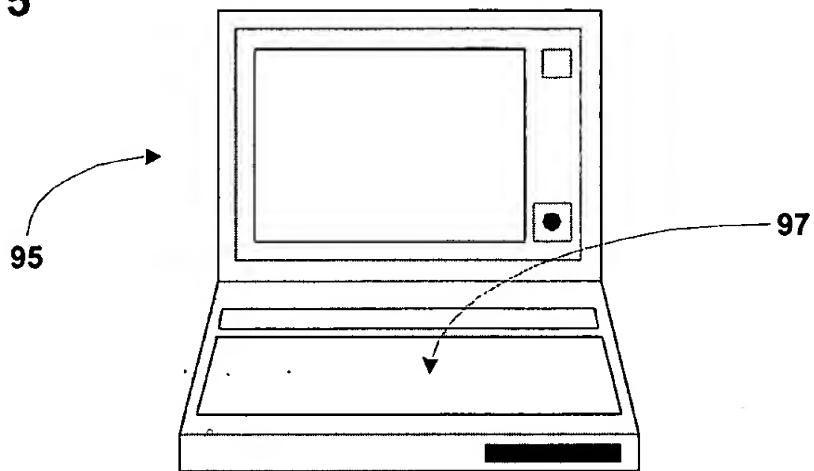
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**FIGURE 14**



INVENTOR: RAYMOND P. JOHNSTON ET AL  
TITLE: LIQUID PROOF SWITCH ARRAY  
ATTORNEY/AGENT: KELLY P. FITZGERALD  
REG. NO. 46,326 TELEPHONE: 651.735.1100  
DOCKET NO.: 1004-012US01 SHEET 10 OF 10

**FIGURE 15**



**FIGURE 16**

